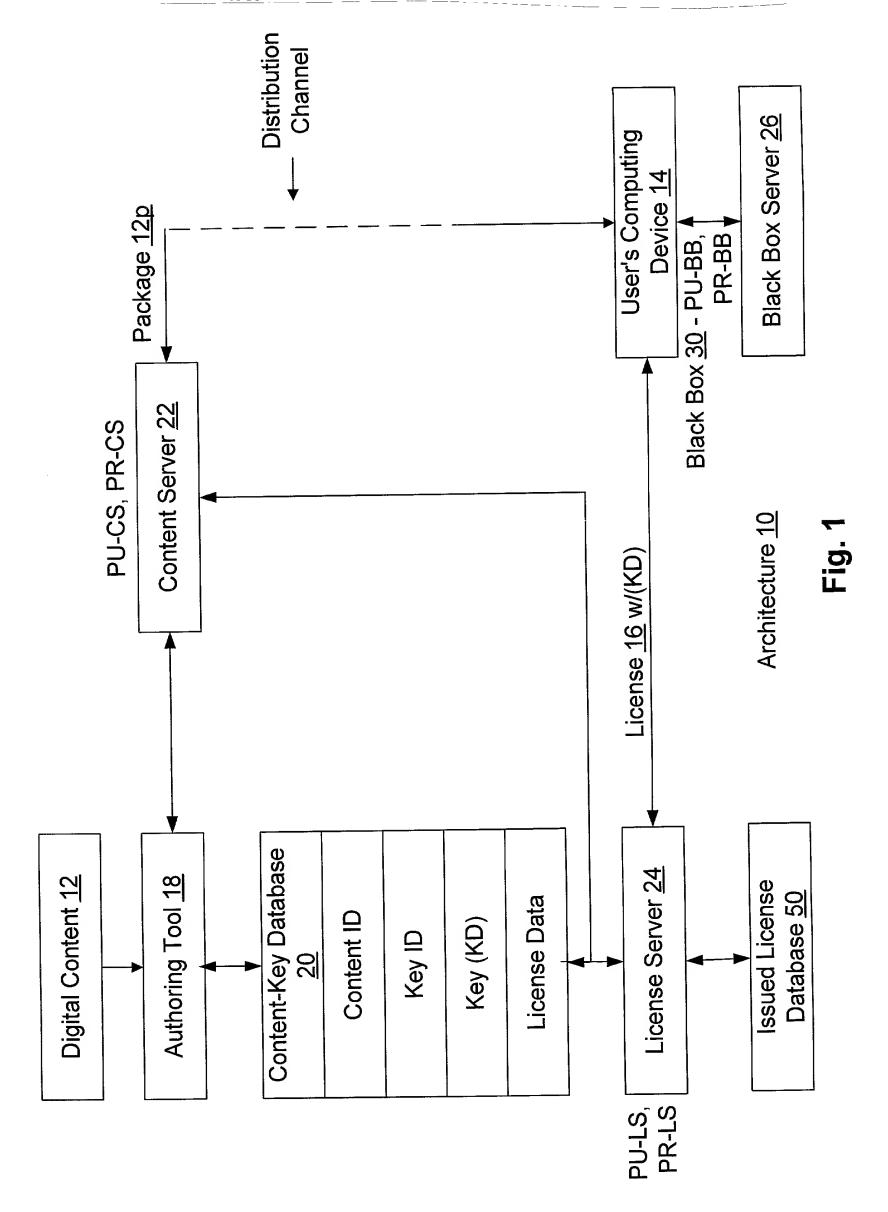
Title: Binding a Digital License to a Portable Device or the Like in a Digital Rights Management (DRM) System and Checking Out/Checking in the Digital License to/from the

Portable Device or the Like; Inventor(s): Marcus Peinado

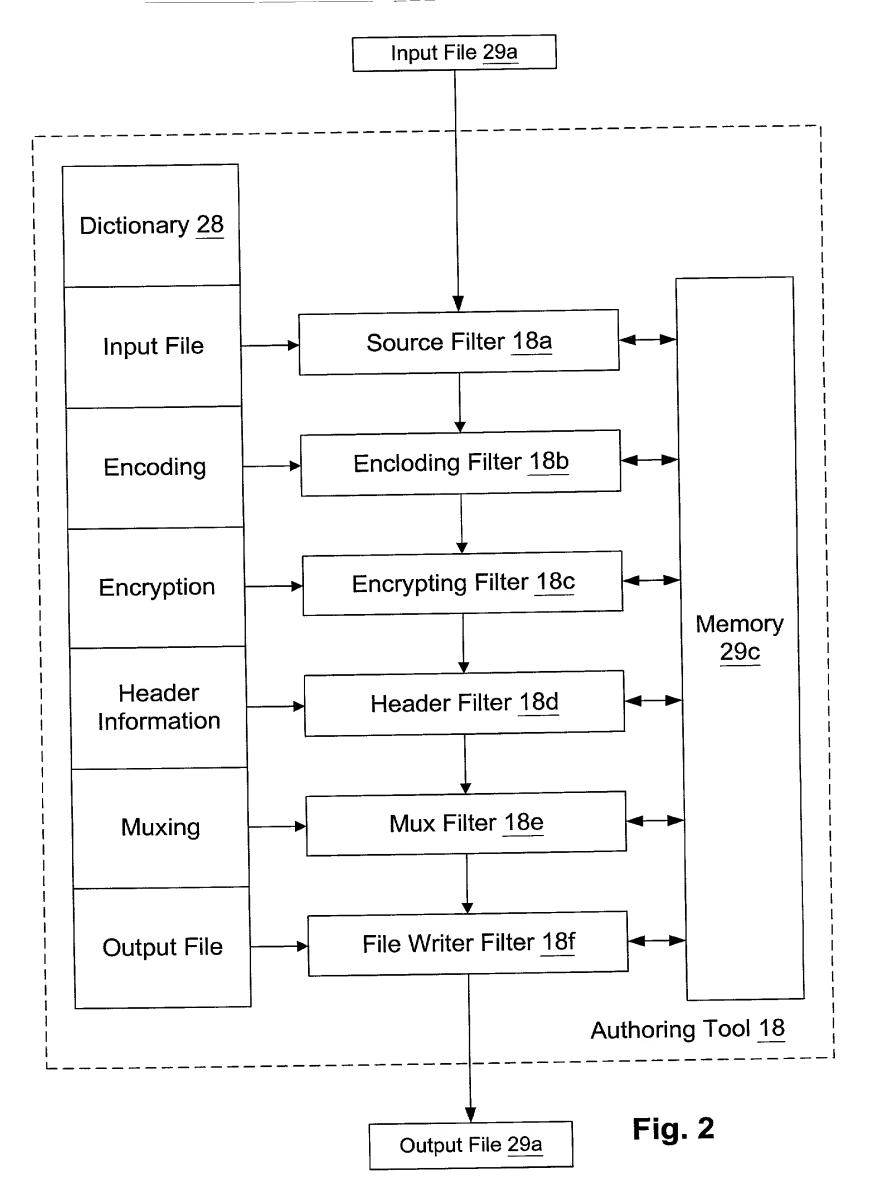
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License 16	Content ID	DRL <u>48</u> or KD (DRL <u>48</u>)	PU-BB (KD)	S (PR-LS)	CERT (PU-LS) S (PR-CS)
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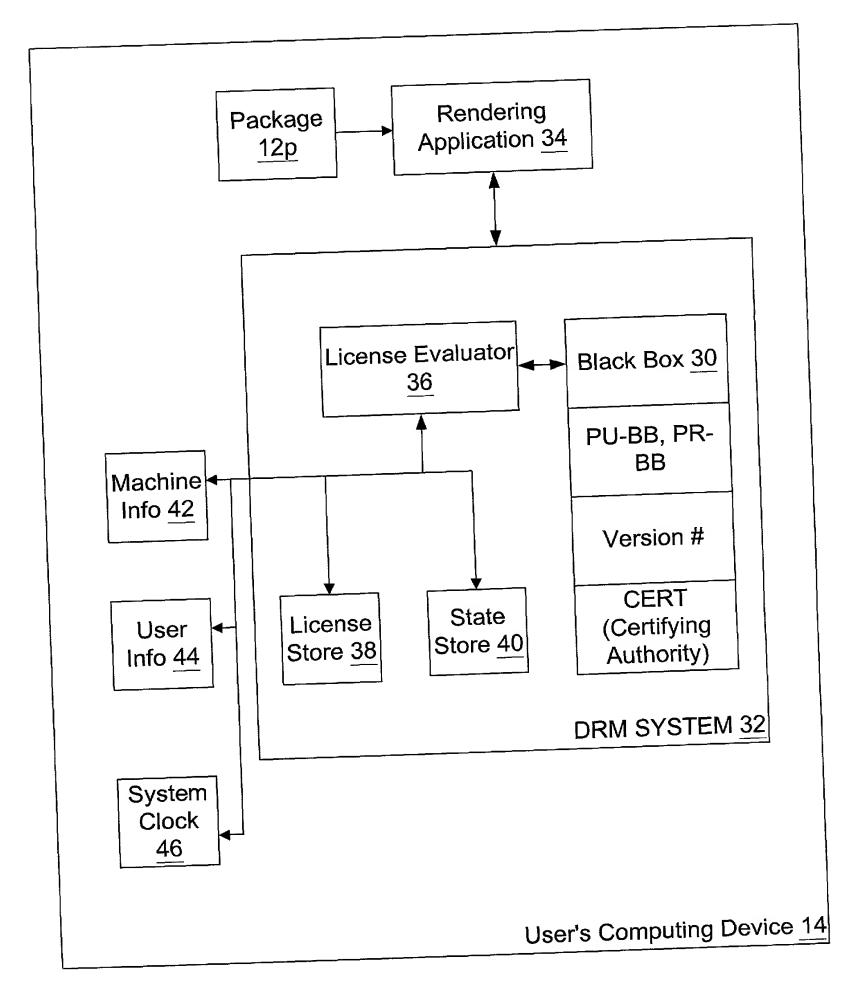
Fig. 8

Digital Content Package 12p KD (Digital Content 12) Content ID	Key ID	License Acquisition Info	KD (PU-CS) S (PR-CS)
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-<u>ig</u>. 3

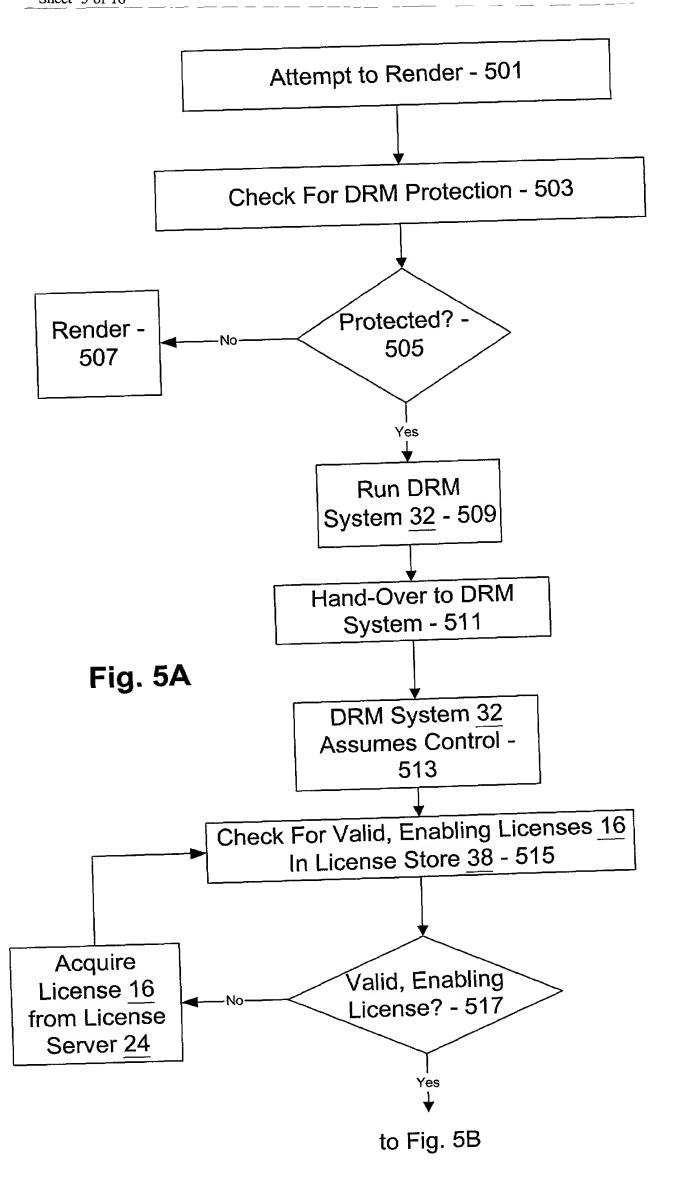
Title: Binding a Digital License to a Portable Device or the Like in a Digital Rights Management (DRM) System and Checking Out/Checking in the Digital License to/from the Portable Device or the Like; Inventor(s): Marcus Peinado

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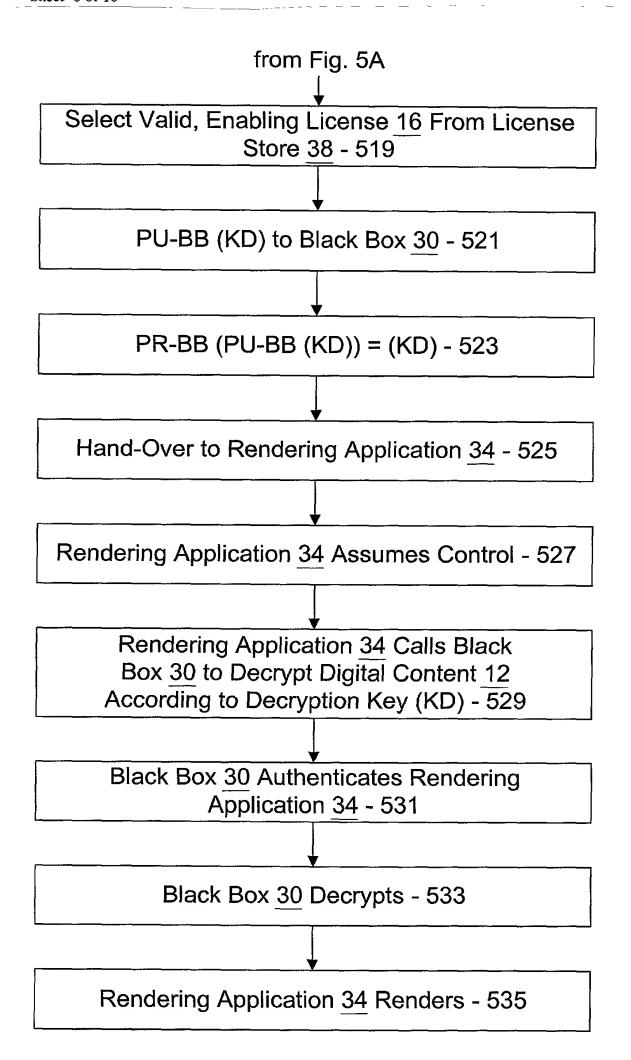


Fig. 5B

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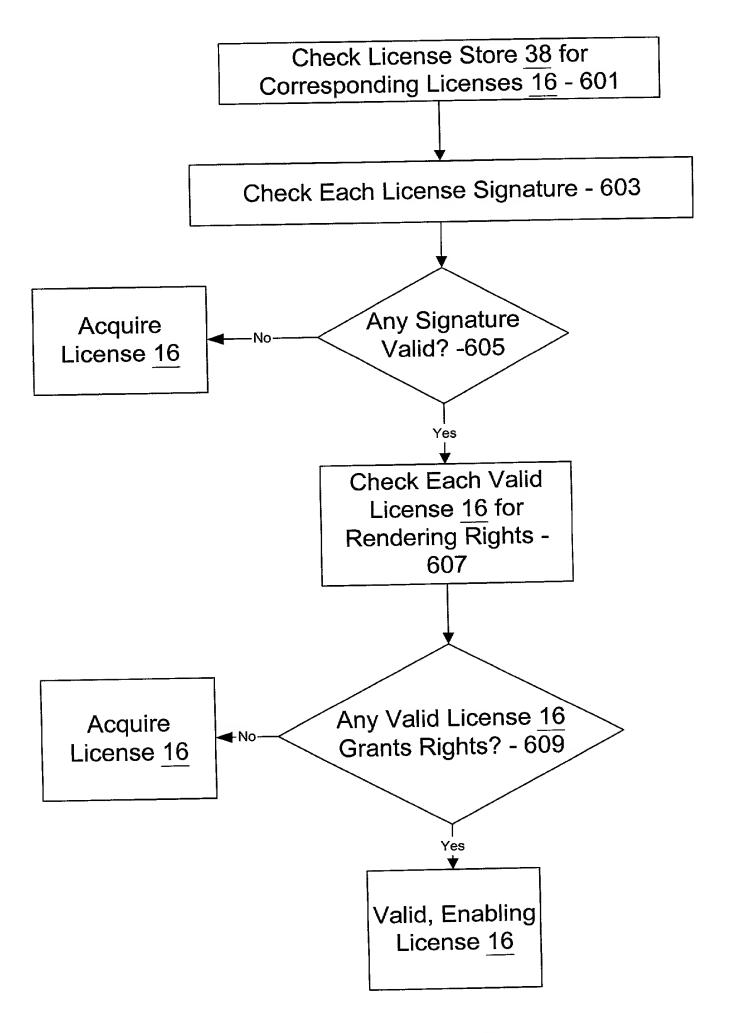
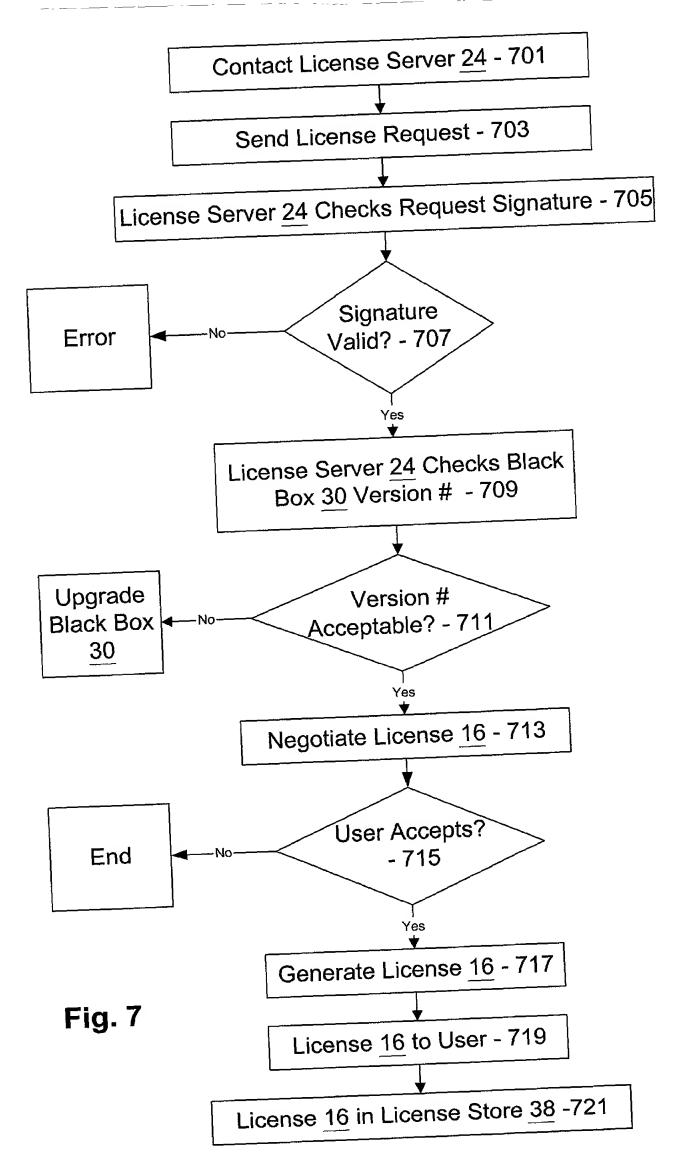


Fig. 6

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Inventor(s): Marcus Peinado; Sheet 9 of 16

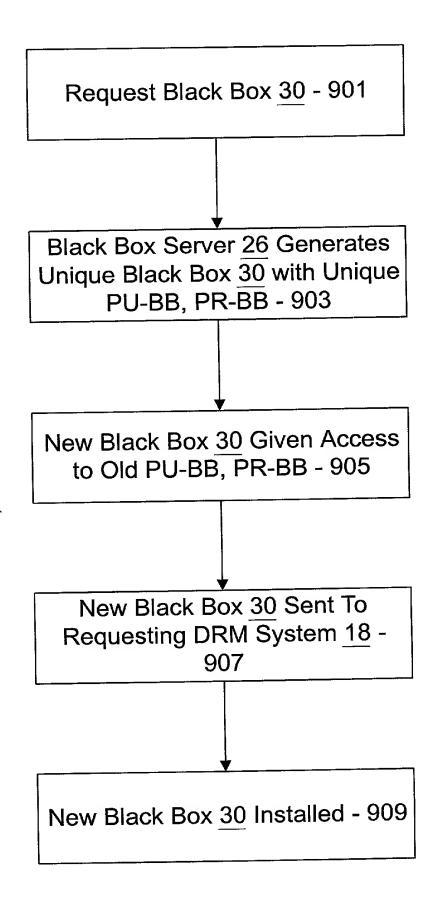


Fig. 9

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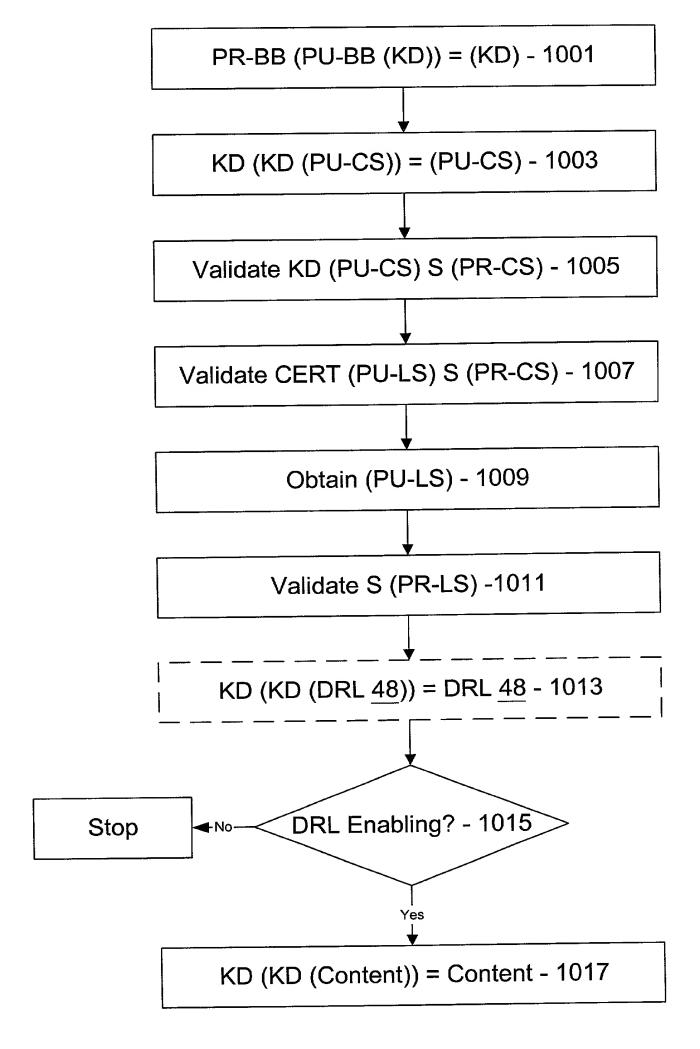
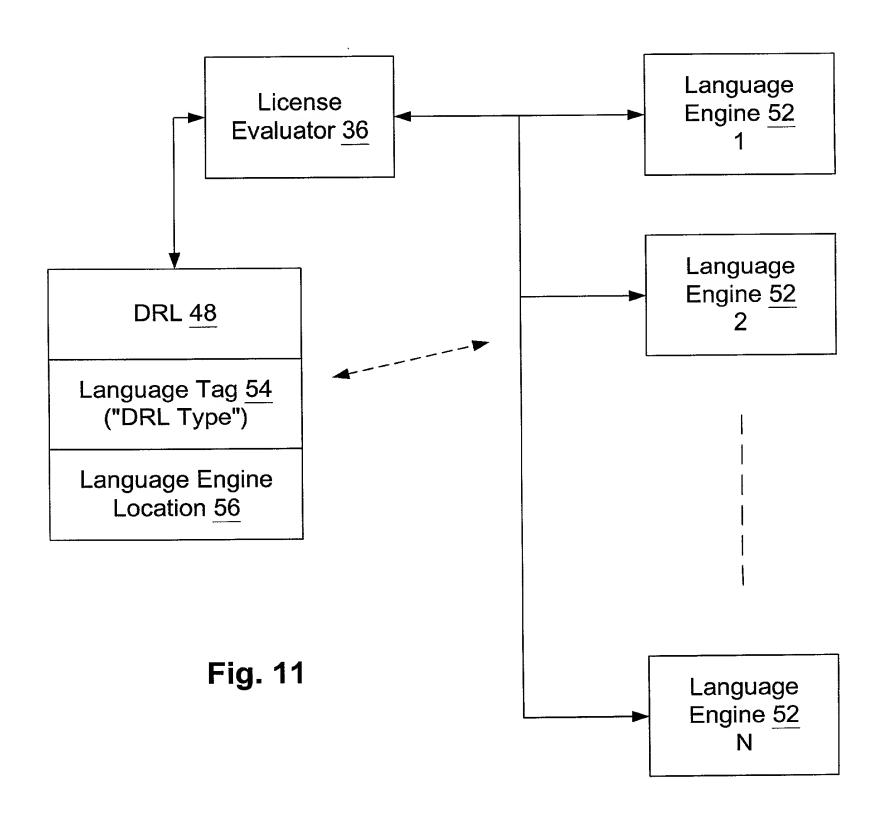


Fig. 10

Portable Device or the Like; Inventor(s): Marcus Peinado

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Docket No.: MSFT-0310 Title: Binding a Digital License to a Portable Device or the Like in a Digital Rights Management (DRM) System and Checking Out/Checking in the Digital License to/from the Portable Device or the Like; Inventor(s): Marcus Peinado Sheet 12 of 16 LAN 151 Remote Comp(s) **Device** <u>162</u> 149 Storage **WAN 152** Network I/F 153 Memory SCSI Bus <u>156</u> Modem 154 System Bus 123 Serial Port I/F 146 Keybd 140 Mouse Adapter 155 Storage Host Drive I/F Optical Optical 134

Monitor 147 150 142 **Drive** 130 131 Storage <u>129</u> Adapter 148 Computer 120 **Disk Drive Drive** 128 Magnetic 133 Floppy Video Fig. 12 I/F PROG. DATA Processing Hard Disk PROGS 137 Drive I/F **Unit** 121 OTHER 132 138 Hard Drive 127 OG. DATA PROGS 137 PROG. DATA AP. PROGS Memory 122 ROM 124 BIOS 126 RAM 125 . PROGS **OS** 135 OTHER **OS 135** System 136 136 138

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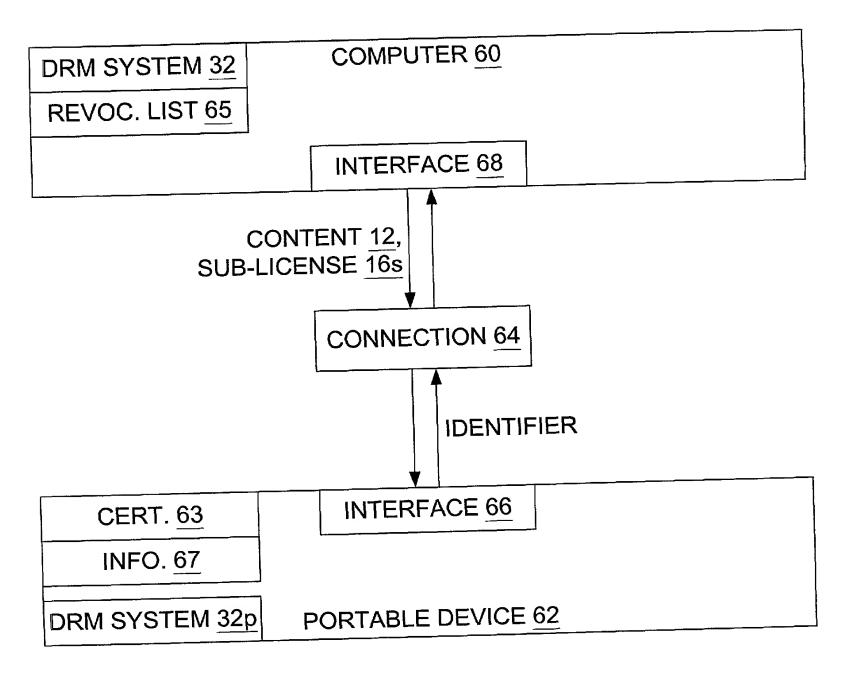


FIG. 13

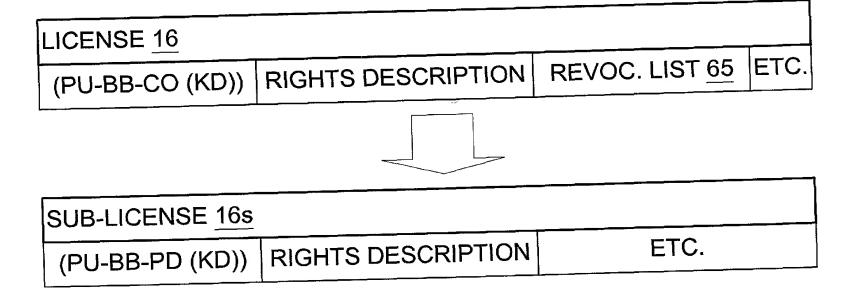


FIG. 15

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Management (DRM) System and Checking Out/Checking in the Digital License to/from the

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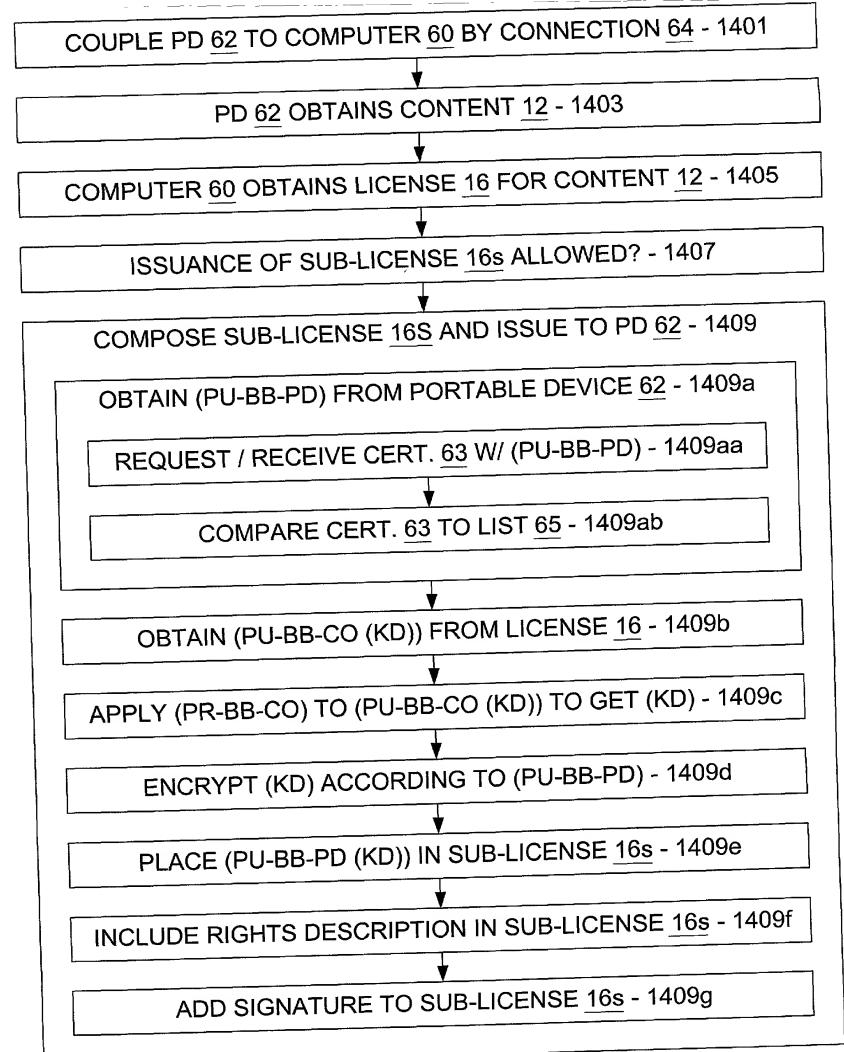


FIG. 14

Title: Binding a Digital License to a Portable Device or the Like in a Digital Rights Management (DRM) System and Checking Out/Checking in the Digital License to/from the

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OBTAIN INFO. <u>67</u> FROM CERT. <u>63</u> - 1407a

APPLY INFO. 67 TO DET. WHETHER LICENSE 16 ALLOWS SUB-LICENSE 16s - 1407b

FIG. 14A

VERIFY SUB-LICENSE 16s BASED ON SIG. AND (PR-BB-PD) - 1601

APPLY (PR-BB-PD) TO (PU-BB-PD (KD)) TO OBTAIN (KD) - 1603

APPLY (KD) TO DECRYPT ENCRYPTED CONTENT 12 - 1605

FIG. 16

Title: Binding a Digital License to a Portable Device or the Like in a Digital Rights Management (DRM) System and Checking Out/Checking in the Digital License to/from the

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REQUEST / RECEIVE NONCE FROM PORTABLE DEVICE 62 - 1701 SEND CHECKED-OUT SUB-LICENSE 16s AND RECEIVED NONCE TO PORTABLE DEVICE 62 - 1703 NONCE SENT = NONCE RECEIVED - 1705 SENT SUB-LICENSE 16s IS LEGITIMATE - 1707 ADD ENTRY FOR CHECKED-OUT SUB-LICENSE 16s FOR PORTABLE **DEVICE 62 TO CATALOG 70 - 1709** DELETE CHECKED-OUT SUB-LICENSE 16s FROM PORTABLE **DEVICE 62 - 1711** REQUEST / RECEIVE NONCE FROM COMPUTER 60 - 1713 SEND RECEIVED NONCE, AN PORTABLE DEVICE 62 IDENTIFIER, LIST OF ALL SUB-LICENSES 16s RESIDENT TO COMPUTER 60 - 1715 NONCE SENT = NONCE RECEIVED - 1717 SENT IDENTIFIER AND LIST IS LEGITIMATE - 1719 COMPARE SENT LIST WITH CATALOG 70 AND NOTE ABSENCE OF DELETED CHECKED-OUT SUB-LICENSE 16s FROM SENT LIST - 1721

DELETE ENTRY FOR CHECKED-OUT SUB-LICENSE 16s FOR PORTABLE DEVICE 62 FROM CATALOG 70 - 1723

FIG. 17